

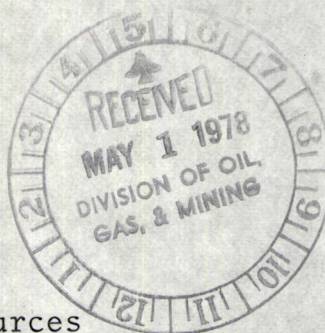
FRANDSEN, KELLER & JENSEN ATTORNEYS AT LAW

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PROFESSIONAL BUILDING  
90 WEST 1ST NORTH  
PRICE, UTAH 84501

801-637-1245  
801-637-1246

April 26, 1978



Department of Natural Resources  
Division of Oil, Gas & Mining  
1588 West North Temple  
Salt Lake City, Utah 84116

Attention: Ron Daniels

Re: Delta Mine

Enclosed is the Mining and Reclamation Plan of Utah West Mining and Development Inc. which has a sublease on the Delta Mine in Emery County.

As I explained to you on the telephone on April 19th, the reason that Lloyd Mecham, who is President of Utah West Mining and Development, had not sent in the Plan before is that he expected that someone from your department would meet him at the mine and review their situation and give suggestions and help in working out a satisfactory plan. After our telephone conversation, I told Mecham that you would not be able to come down until after May 3 and that you had requested that a proposed plan be sent in immediately.

I presume that you are familiar with the Delta Mine and the meger vegetation that exists there and the difficulty in making a re-seeding project effective. What they are doing is to remove the overburden from the old Delta Mine workings. This is a tallos slope in the Chinley Formation that is as steep as small rocks and other surface material will stand. This goes from the Chinarump Formation where the ore is at up to the Windgate. This removing this overburden actually shifts this material from its present position to an area below over the edge of the Chinarump formation and it will be approximately the same material and on the same slope. There is no top soil that will be removed. There is no top soil in the area to be dozed over on the area that will be excavated. As Mecham views the Reclamation Plan it would be to round off the top and edges of this material that is pushed over the side to make some control trenches to keep water in their natural channels so that it will



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Page 2



not cut through the dump and then do the best that is possible to re-seed it with some kind of a natural grass that has some chance of survival. There is no grazing in the area, no surface water channels and it is one of those arid areas where it is difficult to get anything to grow.

With this in mind, we have filled out a proposed Mining and Reclamation Plan and recognize that it is in very general terms. As mentioned on page 3, Mecham would appreciate personnel from your office coming down and viewing the property and giving some suggestions on how it could be handled from a practical standpoint. On a bond, it may be difficult to get a surety bond. In lieu thereof, we would propose the escrow agreement with 1% of the proceeds from the sale of the ore being placed in escrow until \$10,000 is accumulated. The amount per month would depend upon the amount of ore mined and sold and the grade. We estimate that an average would be at least \$300 per month. *no we want a default #*

Mecham has no map of the surface area and it would be expensive and difficult to have one prepared. It really would not serve much purpose because it is basically a physical problem of pushing off the overburden and then making this as secure as possible in the dump area. *Need blown up topo.*

Would you please review this immediately. Central Oil and Mining Company owns the claims and they are under lease from that company. They have served notice that the lessee has not complied with the Oil, Gas and Mining Division Regulations. We are anxious to comply and certainly do not want to be placed in a position of default or failure of compliance with your Department. If you have any other questions, I would appreciate an immediate communication from you by letter or telephone.

*D. A. Frandsen*

D. A. Frandsen *re*

DAF:vc

cc: Mr. Lloyd Mecham  
Central Oil & Mining Company



MINING APPLICATION  
NO. \_\_\_\_\_

Date \_\_\_\_\_



STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
1588 West North Temple  
Salt Lake City, Utah 84116

MINING AND RECLAMATION PLAN

(Other forms may be used in lieu of MR 2, provided they contain the same information)

1. Name of Applicant or Company Utah West Mining & Development Inc.
2. Proposed type of operation Open Pit and Underground
3. (a) Prior Land Use(s) Mining since 1953  
(b) Current Land Use(s) Mining  
(c) Possible or Prospective Future Land Use(s) None, except for mining
4. What vegetation exists on the land proposed to be affected None  
Steep tallos slope in Chinley Formation  
(a) Types and Estimated Percent cover or density: \_\_\_\_\_  
\_\_\_\_\_
5. What is the pH range of soil before mining? Not Been Checked  
Name of Person or Agency and method of determining pH \_\_\_\_\_  
\_\_\_\_\_
6. Site elevation above sea level about 5500
7. In case of coal, oil shale, and bituminous sandstone:  
Principal seam(s) and thickness(es) 5 years
8. Estimated duration of mining operations \_\_\_\_\_
9. Has overburden, waste or rejected materials been classified as acid or alkali producing? ( ) Yes (x) No  
Does the above material being moved have any other characteristics affecting revegetation? \_\_\_\_\_
10. Will any underground workings or aquifers be encountered? (x) Yes ( ) No  
Describe Some, as the overburden is removed  
Is there an active discharge of water from abandoned deep mines on or crossing the land affected? ( ) Yes (x) No If yes, describe the quality of water being discharged. \_\_\_\_\_



11. Describe specifically a detailed procedure for:
- (a) The mining sequence - **Remove overburden-Drill & blast-Rehaul Ore**
  - (b) The procedure for constructing and maintaining access roads, to include a typical cross-section and a profile of the proposed road grades. - **County Road to mine**
  - (c) The procedure for site preparation including removing trees and brush. - **There is no vegetation**
  - (d) The method for removing and stockpiling topsoil or disturbed materials. - **There is no top soil to remove**
  - (e) The method for the placement or containment of all disturbed materials, to include the method for handling of all acid or alkali-producing and toxic materials. - **Tallos slope pushed over the edge.**
  - (f) A procedure for final stabilization of disturbed materials. **Wast dump will be sloped & rounded off to hold as much moisture as practical.**
- GRADING AND REGRADING

Specifically describe: **The surface will be seeded with grass that may grow in this area & type of surface.**

- (a) Typical cross-section of regrading.
- (b) The method of spreading topsoil or upper horizon material on the regraded area and indicate the approximate thickness of the final surfacing material. - **Same material. Leave as is.**
- (c) What type of soil treatment will be utilized. **(Be the same surface material, except at a lower level)**
- (d) The method of drainage control for the final regraded area.
- (e) Maximum grading slope. **(Direct top water to natural drainage)**  
**(Same as natural area adjacent to dumps.)**

TESTING

1. Describe method for testing stability of reclamation fill material.

Describe method for the testing of soil that is intended to support vegetation

2. Describe any soil treatment employed as an aid to revegetation Will round off and compact to give a weather finish and hold moisture

3. Describe surface preparation of areas intended to support vegetation:

Note: On all testing will cooperate with your Department, and work with you and do what appears to be best.

REVEGETATION

1. Revegetation to be completed by:

- |                                                     |                                                                          |
|-----------------------------------------------------|--------------------------------------------------------------------------|
| <input checked="" type="checkbox"/> Operator        | <input type="checkbox"/> Hydroseeding                                    |
| <input type="checkbox"/> Soil Conservation District | <input type="checkbox"/> Aerial Seeding                                  |
| <input type="checkbox"/> Private Contractor         | <input type="checkbox"/> Conventional or Rangeland Drilling              |
| <input type="checkbox"/> Other (specify) _____      | <input type="checkbox"/> Broadcast and Drag                              |
|                                                     | <input type="checkbox"/> Other <u>Broad casting with portable seeder</u> |



2. Will Mulch be used? ( ) Yes (x) No None available in the area  
Type: \_\_\_\_\_ Rate/Acre \_\_\_\_\_ lbs.

3. Revegetation Plan and Schedule -

Species	Rate/ Acre	Planting Location	Facing N-S-E-W	Season to be replanted
Will consult your department for type of seed and planting recommended.				

4. Will affected area be subject to livestock or wildlife grazing?  
( ) Yes (x) No Will vegetation protection be needed? \_\_\_\_\_  
No vegetation is growing

5. Will irrigation be used: ( ) Yes (x) No Type \_\_\_\_\_

6. Describe maintenance procedures for revegetation if needed, until surety release is granted. Slopes will be maintained to avoid any

excessive wind or rain damage

Will welcome a consultation with personnell from your department on the property.



STATE OF UTAH

COUNTY OF CARBON

I, LLOYD MECHAM, having been duly sworn  
depose and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the Applicant and this  
application has been executed as required by law.

Signed: \_\_\_\_\_

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this \_\_\_\_\_ day of April, 19 78.

Notary Public: \_\_\_\_\_

My Commission Expires: \_\_\_\_\_

PLEASE NOTE:

Section 40-8-13(2) of the Mined Land Reclamation Act provides as  
follows:

"Information relating to the location, size, or nature  
of the deposit and marked confidential by the operator,  
shall be protected as confidential information by the  
Board and the Division and not be a matter of public  
record in the absence of a written release from the  
operator, or until the mining operation has been  
terminated as provided in subsection (2) of section  
40-8-21."

Is confidential information contained herein?

YES \_\_\_\_\_ (Initial)

NO \_\_\_\_\_ (Initial)

Sections desired to be maintained as confidential information -

_____	_____	_____
_____	_____	_____
_____	_____	_____



MINING APPLICATION  
NO. \_\_\_\_\_  
Date \_\_\_\_\_



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|                                                     | <input type="checkbox"/> Other Broad casting with <del>portable seeder</del> |



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STATE OF UTAH

COUNTY OF CARBON

I, LLOYD MECHAM, having been duly sworn  
depose and attest that all of the representations contained in the foregoing  
application are true to the best of my knowledge; that I am authorized to  
complete and file this application on behalf of the Applicant and this  
application has been executed as required by law.

Signed: Lloyd B Mecham

Taken, subscribed and sworn to before me the undersigned authority  
in my said county, this 26<sup>th</sup> day of April, 19 78.

Notary Public: Kenneth J. Caldwell

My Commission Expires: 3-10-81

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YES \_\_\_\_\_ (Initial)

NO JBm \_\_\_\_\_ (Initial)

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_____	_____	_____
_____	_____	_____
_____	_____	_____